

XP-002155577

AN - 1997-038450 [04]

AP - JP19950123057 19950425

CPY - NISO

DC - A97 F09

FS - CPI

IC - D21H17/28

MC - A11-B09B A12-A04B F05-A07

PA - (NISO ) NIPPON SHOKUHHIN KAKO KK

PN - JP8296193 A 19961112 DW199704 D21H17/28 009pp

PR - JP19950123057 19950425

XA - C1997-012391

XIC - D21H-017/28

AB - J08296193 Prepn of a paperboard comprises mfg paper by adding an amphoteric starch polyion complex to a pulp slurry. Also claimed is prepn of a paperboard comprising making paper by adding an amphoteric starch polyion complex comprising a mixt of cationic and anionic starch to a pulp slurry. Also a mixt of a cationic starch 80-20 wt% and anionic starch 20-80 wt% instead of the above mixt is used. Prepn of a paperboard comprises making an aq suspension of amphoteric ionic starch (adjusted pH 3-6) to a glue with a continuous making glue appts to form an amphoteric ionic starch polyion complex, and making paper by adding the amphoteric starch polyion complex to a pulp slurry. Prepn of paperboard may comprise making paper by adding an amphoteric ionic starch polyion complex, 1.0-10.0 wt% relative to absolute dry wt of pulp, to a pulp slurry.

- ADVANTAGE - Prepn of the paperboard with improved internal strength of paper, mfd advantageously economically, without damaging operability of machines used in mfr.

- (Dwg.0/0)

IW - PREPARATION PAPERBOARD IMPROVE INTERNAL STRENGTH COMPRISE MANUFACTURE PAPER ADD AMPHOTERIC STARCH POLY ION COMPLEX PULP SLURRY

IKW - PREPARATION PAPERBOARD IMPROVE INTERNAL STRENGTH COMPRISE MANUFACTURE PAPER ADD AMPHOTERIC STARCH POLY ION COMPLEX PULP SLURRY

NC - 001

OPD - 1995-04-25

ORD - 1996-11-12

PAW - (NISO ) NIPPON SHOKUHHIN KAKO KK

TI - Prepn of paperboard with improved internal strength - comprises mfg paper by adding amphoteric starch poly:ion complex to pulp slurry.

A01 - [001] 018 ; R01863-R D01 D11 D10 D23 D22 D31 D42 D50 D76 D86 F24 F29 F26 F34 H0293 P0599 G3623 ; K9632 K9621 ; K9643 K9621 ;

- [002] 018 ; ND01 ; Q9999 Q8582 ; B9999 B4091-R B3838 B3747 ; K9745-R ;